

Wednesday, March 19, 1997  
CHONDRULES  
8:30 p.m. Room A

**Chairs: J. N. Grossman  
J. M. Paque**

Weidenschilling S. J.\*

*Production of Chondrules by Lightning in the Solar Nebula? Not So Easy!*

Hood L. L.\*

*The Nebular Shock Wave Model for Chondrule Formation: Simulations and Comparisons with Meteoritic Constraints*

Ozawa K. Nagahara H.\*

*Stability of Chondrule Melt in the Solar Nebula*

Ebel D. S.\* Grossman L.

*Direct Condensation of Ferromagnesian Liquids from Cosmic Gases*

Paque J. M.\* Cuzzi J. N.

*Physical Characteristics of Chondrules and Rims, and Aerodynamic Sorting in the Solar Nebula*

Lofgren G. E.\*

*Chondrule Precursor Aggregates in UOC's: Implications for the Chondrule Forming Process*

Yu Y.\* Hewins R. H.

*Evaporation of Potassium and Sodium Under Vacuum Conditions—Did Chondrules Really Form at Low Pressure?*

Tsuchiyama A.\* Kondo M. Hirai H. Koishikawa A.

*High Resolution X-ray CT Images of Chondrites and Chondrules, and Their Three-Dimensional Structures*

Alexander C. M. O'D.\* Wang J.

*Determination of Chondrule Cooling Rates from Trace Elements Revisited*

Polnau E. Eugster O.\* Krähenbuhl U. Marti K.

*Differential Irradiation Records in the H6 Chondrite ALH 76008: Evidence for a Nebular Origin of a Chondrule-like Inclusion?*

Schneider D. M.\* Taunton A. Benoit P. H. Sears D. W. G.

*A Comparison of the Compositions of Chondrules in EH and EL Chondrites and Discussion of Some Implications*

Grossman J. N.\* Alexander C. M. O'D. Wang J.

*Zoning of Trace Elements and Deuterium in the Mesostasis of Low-FeO Chondrules in Semarkona*

Deloule E. Doukhan J.-P. Robert F.\*

*An Interstellar Isotopic Signature Recorded in Altered Pyroxene Chondrules*